



## Water Compliance Inspection Report

## Section A: National Data System Coding (i.e. PCS)

[illegible]

## Section B: Facility Data

☐ Yes
 ☐ No

(major)

Federal Facility

## Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

X	Permit	X	Self-Monitoring Program		Pretreatment		MS4
X	Records/Reports		Compliance Schedule		Pollution Prevention		
X	Facility Site Review	X	Laboratory		Storm Water		
X	Effluent/Receiving Waters	X	Operations & Maintenance		Combined Sewer Overflow		
X	Flow Measurement	X	Sludge Handling/Disposal		Sanitary Sewer Overflow		

## Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes

### SEV Description

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Inspection & Enforcement Management Unit  
(IEMU)

Name(s) and Signature(s) of Inspector(s)

Agency/Office/Phone and Fax Numbers

Date \_\_\_\_\_

Dr. Balthasar B. Buhidar, PhD

IDEQ/TFRO/208-736-2190 & 208-736-2194

June 25, 2013

Signature of Management QA Reviewer

Agency/Office/Phone and Fax Numbers

Date \_\_\_\_\_

EPA Form 3560-3 (Rev 1-06) Previous editions are obsolete

ICIS.  
10-22-2013

*J. Brown*

# INSTRUCTIONS

## Section A: National Data System Coding (i.e., PCS)

**Column 1: Transaction Code.** Use N, C, or D for New, Change, or Delete. All inspections will be new unless there is an error in the data entered.

**Columns 3-11: NPDES Permit No.** Enter the facility's NPDES permit number - third character in permit number indicates permit type for Unpermitted, General permit, etc. (Use the Remarks column to record the State permit number, if necessary.)

**Columns 12-17: Inspection Date.** Insert the date entry was made into the facility. Use the year/month/day format (e.g., 04/16/01 = October 6, 2004).

**Column 18: Inspection Type.** Use one of the codes listed below to describe the type of inspection:

A Performance Audit	U IU Inspection with Pretreatment Audit	I Pretreatment Compliance (Oversight)
B Compliance Biomonitoring	X Toxics Inspection	@ Follow-up (enforcement)
C Compliance Evaluation (non-sampling)	Z Sludge - Biosolids	Storm Water-Construction-Sampling
D Diagnostic	# Combined Sewer Overflow-Sampling	Storm Water-Construction-Non-Sampling
F Pretreatment (Follow-up)	\$ Combined Sewer Overflow-Non-Sampling	Storm Water-Non-Construction-Sampling
G Pretreatment (Audit)	+ Sanitary Sewer Overflow-Sampling	- Storm Water-Non-Construction-Non-Sampling
I Industrial User (IU) Inspection	& Sanitary Sewer Overflow-Non-Sampling	< Storm Water-MS4-Sampling
J Complaints	\ CAFO-Sampling	> Storm Water-MS4-Non-Sampling
M Multimedia	= CAFO-Non-Sampling	
N Spill	2 IU Sampling Inspection	
O Compliance Evaluation (Oversight)	3 IU Non-Sampling Inspection	
P Pretreatment Compliance Inspection	4 IU Toxics Inspection	
R Reconnaissance	5 IU Sampling Inspection with Pretreatment	
S Compliance Sampling	6 IU Non-Sampling Inspection with Pretreatment	
	7 IU Toxics with Pretreatment	

**Column 19: Inspector Code.** Use one of the codes listed below to describe the lead agency in the inspection.

A --- State (Contractor)	O --- Other Inspectors, Federal/EPA (Specify in Remarks column)
B --- EPA (Contractor)	P --- Other Inspectors, State (Specify in Remarks column)
E --- Corps of Engineers	R --- EPA Regional Inspector
J --- Joint EPA/State Inspectors—EPA Lead	\$ --- State Inspector
L --- Local Health Department (State)	T --- Joint State/EPA Inspectors—State lead
N --- NEIC Inspectors	

**Column 20: Facility Type.** Use one of the codes below to describe the facility.

- 1 --- Municipal: Publicly Owned Treatment Works (POTWs) with 1987 Standard Industrial Code (SIC) 4952.
- 2 --- Industrial: Other than municipal, agricultural, and Federal facilities.
- 3 --- Agricultural: Facilities classified with 1987 SIC 0111 to 0971.
- 4 --- Federal: Facilities identified as Federal by the EPA Regional Office.
- 5 --- Oil & Gas: Facilities classified with 1987 SIC 1311 to 1389.

**Columns 21-66: Remarks.** These columns are reserved for remarks at the discretion of the Region.

**Columns 67-69: Inspection Work Days.** Estimate the total work effort (to the nearest 0.1 work day), up to 99.9 days, that were used to complete the inspection and submit a QA reviewed report of findings. This estimate includes the accumulative effort of all participating inspectors; any effort for laboratory analyses, testing, and remote sensing; and the billed payroll time for travel and pre and post inspection preparation. This estimate does not require detailed documentation.

**Column 70: Facility Evaluation Rating.** Use information gathered during the inspection (regardless of inspection type) to evaluate the quality of the facility self-monitoring program. Grade the program using a scale of 1 to 5 with a score of 5 being used for very reliable self-monitoring programs, 3 being satisfactory, and 1 being used for very unreliable programs.

**Column 71: Biomonitoring Information.** Enter D for static testing. Enter F for flow through testing. Enter N for no biomonitoring.

**Column 72: Quality Assurance Data Inspection.** Enter Q if the inspection was conducted as followup on quality assurance sample results. Enter N otherwise.

**Columns 73-80:** These columns are reserved for regionally defined information.

## Section B: Facility Data

This section is self-explanatory except for "Other Facility Data," which may include new information not in the permit or PCS (e.g., new outfalls, names of receiving waters, new ownership, other updates to the record, SIC/NAICS Codes, Latitude/longitude).

## Section C: Areas Evaluated During Inspection



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

650 Addison Avenue West, Suite 110 • Twin Falls, Idaho 83301 • (208) 736-2190  
www.deq.idaho.gov

C.L. "Butch" Otter, Governor  
Curt Fransen, Director

July 17, 2013

Mr. Robert "Bob" Turik, Assistant Project Leader  
USFWS Hagerman National Fish Hatchery  
3059-D National Fish Hatchery Road  
Hagerman, Idaho 83332

Subject: USFWS Hagerman National Fish Hatchery, 2013 NPDES Inspection, NPDES  
Permit #IDG-130004

Dear Mr. Turik:

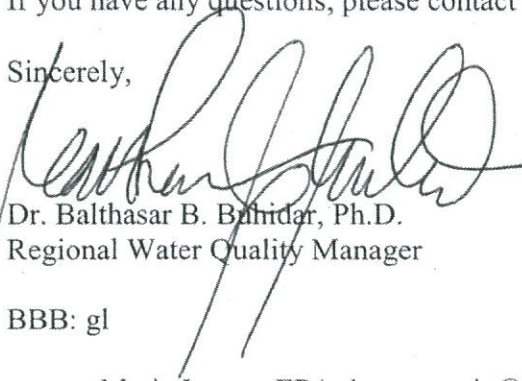
The Idaho Department of Environmental Quality (DEQ) conducted an inspection of the USFWS Hagerman National Fish Hatchery aquaculture system on May 29, 2013. We appreciate your assistance in evaluating this facility's compliance with National Pollution Discharge Elimination System (NPDES) permit #IDG-130004.

This permit was issued by the Environmental Protection Agency (EPA) on December 1, 2007, is scheduled to expire on November 30, 2012, but is under administrative extension until such time as the new permit is reissued.

DEQ performed this inspection on behalf of EPA. I want to express my appreciation for the cooperation and assistance provided by you and your staff during the inspection. My report of the inspection has been completed and submitted to EPA who will make all determinations of permit compliance.

If you have any questions, please contact me at (208) 736-7190.

Sincerely,

  
Dr. Balthasar B. Bahidar, Ph.D.  
Regional Water Quality Manager

BBB: gl

cc: Maria Lopez, EPA, [lopez.maria@epamail.epa.gov](mailto:lopez.maria@epamail.epa.gov)  
Chris Gebhardt, EPA, [Gebhardt.Chris@epamail.epa.gov](mailto:Gebhardt.Chris@epamail.epa.gov)  
A.J. Maupin, DEQ-State Office

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Inspection & Enforcement Management Unit  
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## Idaho Department of Environmental Quality AQUACULTURE FACILITY INSPECTION SURVEY

**General NPDES Permit Numbers IDG-130000**

Effective: December 1, 2007. Expiration: November 30, 2012

NOI Submission: On or by June 3, 2012 (for next permit cycle)

<b>PURPOSE OF INSPECTION</b>	Determination of compliance with NPDES permit and the Clean Water Act.
<b>TYPE OF INSPECTION</b>	Unannounced      Announced CSI      CEI      Recon
<b>DATE(s) OF PREVIOUS NPDES INSPECTIONS</b>	Date: November 7, 2011 (CEI, DEQ, Buhidar & Tollefson) Date: September 24, 2008 (CEI, DEQ, Chorney & Buhidar) Date: April 17, 2008 (CEI, EPA, Gebhardt) Date: March 13, 2003 (CSI, DEQ, Sharpnack)
<b>PENDING OR CURRENT ENFORCEMENT ACTIONS</b> (review NOV and warning letters on file)	1. No pending or current enforcement actions. 2. No NOV or warning letters. 3.
<b>PRIMARY FACILITY NAME</b>	USFWS Hagerman National Fish Hatchery
<b>OTHER NAME(S) USED FOR FACILITY</b>	Hagerman National Fish Hatchery
<b>NPDES PERMIT #</b>	IDG-130004
<b>FACILITY CONTACT</b>	Name: Robert "Bob" Turik Position: Assistant Manager Phone Number: (208) 837-4896 (Office) Fax Number: (208) 837-6225 Email: <a href="mailto:bob_turik@fws.gov">bob_turik@fws.gov</a>
<b>FACILITY SIZE</b> (annual fish production; affects frequency of monitoring requirements in parentheses). Confirm production and monitoring frequency during the inspection.	> 500,000 (monthly) 100,000 - 500,000 (quarterly) < 100,000 (semi-annual) Other (explain)
<b>INSPECTOR(s) AND AFFILIATION</b>	Dr. Balthasar B. Buhidar, Ph.D. Regional Water Quality Manager Idaho Department of Environmental Quality Twin Falls Regional Office
<b>ADDITIONAL DEQ STAFF</b> – Responsible for taking digitals and GPS.	Sue Switzer, TMDL Specialist Idaho Department of Environmental Quality Twin Falls Regional Office
<b>DATE OF INSPECTION</b>	Date: May 29, 2013 Arrival Time: 9:22 At Road Fork; 9:25 At Visitor Center Entrance Departure Time: 11:54

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*Aquaculture Facility Inspection Survey*

SEP 30 2013

Inspection & Enforcement Management Unit  
(IEMU)



Photo of facility sign, if any, and facility



Fork Road Sign  
IMG\_3963.JPG



Visitor Center Road Sign  
IMG\_3964.JPG



Digital obtained from


<http://www.fws.gov/hagerman/documents/Annual%20Report/Hagerman%20NFH%20%20Annual%20Report%20and%20Tables%202011.pdf>

DATE OF FINAL REPORT

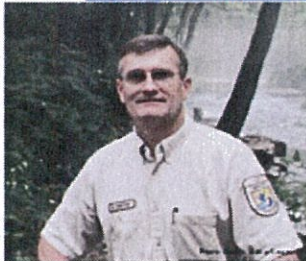

Date: June 24, 2013

### **ENTRY AND PERMIT CONDITIONS REVIEW**

**X** Present your credentials and provide a business card. I presented my credentials and provided a business card to Bob Turik. Present were Bob Turik, Craig Eaton and Jeremy Trimpey, who provided all of the necessary documentation for the inspection.

<b>OPENING CONFERENCE</b>	
1. Explain the purpose of the inspection and how the inspection will proceed.	Remarks: DEQ explained the purpose and the procedure for the inspection.
2. Review the issuance and expiration dates of the facility's NPDES permit.	Remarks: DEQ reviewed the expiration dates of the extended General Aquaculture Permit.
3. [I.C.3.c.] Explain the NOI and the date of submission prior to the expiration date of the permit (June 3, 2012 – 180 days prior to expiration).	Remarks: DEQ reviewed the NOI submission date. The facility has already submitted a timely NOI.
4. Explain that the inspection will involve a review of DMRs, QA Plan, BMP Plan, the most recent NOI, Receiving Water Monitoring Report & the Annual Report.	Remarks: DEQ explained the inspection would include a review of the DMRs, QA Plan, BMP Plan, the NOI, Receiving Water Monitoring Report & the Annual Report.
5. Explain that the inspection will involve a site tour/visit of the facility.	Remarks: DEQ explained that the inspection would involve a site tour/visit of the facility.
6. Are all necessary personnel present for the inspection?	Remarks: The three (3) personnel that will be involved are Bob Turik, Craig Eaton and Jeremy Trimpey. Mr. Eaton is the brand new manager.
7. Will any chemicals or hazardous chemicals be encountered during the site tour/visit?	Remarks: For this inspection, it was also explained that a stormwater inspection would be included; and that a visit of the chemical containment area would be required.
8. Does the permittee have any questions before proceeding with the inspection?	Remarks: None
<b>PRELIMINARY QUESTIONS</b>	
[Mr. Turik responded to all of the questions during the inspection with the assistance from Mr. Trimpey and Mr. Eaton.]	
1. Obtain representative's name, position, and phone number.	<p>Name: Robert "Bob" Turik            Position: Assistant Manager            Phone: (208) 837-4896 (Office)            Fax Number: (208) 837-6225            Email: <a href="mailto:bob_turik@fws.gov">bob_turik@fws.gov</a></p> 
2. How long has the representative worked for the company?	Almost 2 years this coming July 2013.



3. How long has he/she held the position?	<b>Almost 2 years this coming July 2013.</b>
4. Other representative(s) present for the inspection.	<p>Name: <b>Craig Eaton</b>  Position: <b>Manager / Project Leader</b>  Phone: <b>(208) 837-4896 (Office)</b>  Fax Number: <b>(208) 837-6225</b>  Email: <a href="mailto:craig_eaton@fws.gov">craig_eaton@fws.gov</a></p> 
5. Other representative(s) present for the inspection.	<p>Name: <b>Jeremy Trimpey</b>  Position: <b>Fish Biologist</b>  Phone: <b>(208) 837-4896 (Office)</b>  Fax Number: <b>(208) 837-6225</b>  Email: <a href="mailto:Jeremy.Trimpey@fws.gov">Jeremy.Trimpey@fws.gov</a></p> 
<b>NOTICE OF INTENT (NOI)</b>	
<p>NOI Review: Show the interviewee the NOI, and ask him/her to review it for errors. If errors are found, ask him/her to correct the errors and initial the corrections. A new NOI should be submitted if several corrections are made. <b>The facility demonstrated the most current NOI; and confirmed that no errors were present in it.</b></p>	
1. What is the date of the most recently submitted NOI?	<p><b>May 23, 2012 – Submitted to EPA</b>  <b>May 30, 2012 – Submitted to DEQ</b></p>
2. Is the NOI complete and current?	<p><b>Yes – This was confirmed by Mr. Turik.</b>  No</p>
3. Have any structural changes been made to the facility recently?	<p>Yes  No  <b>Other – No structural changes have occurred on the waste treatment component of the facility. However, a modification to the bypass waterline has installed on the Trout Raceways for degassing of nitrogen inherent in the source water. It is now on-line and functioning well.</b></p>
4. Any structural changes anticipated? (Plan and Spec	<b>Yes – There are plans and specifications</b>

*Aquaculture Facility Inspection Survey*



review required of IDEQ, if so; see page 47; Part VI.I.2.)	being drawn for a recirculation system for 2013 or 2014. No																		
[NOTE: During the Site Tour/Visit of the facility, DEQ elaborated that it would provide a copy of the Idaho Code 39-118 regulation and a copy of the Aquaculture Guidelines at a later date to assist the facility with what was required for a DEQ 39-118 Review of the proposed project. This was done by email on June 4, 2013; and assigned to Craig Thomas, Regional Aquaculture Coordinator.]																			
FACILITY LOCATION, ETC. (see NOI)	Address: 3059-D National Fish Hatchery Rd Hagerman, Idaho 83332 Phone: (208) 837-4896 (Office) Fax: (208) 837-6225 Email: <a href="mailto:anna_rav@fws.gov">anna_rav@fws.gov</a> (Fisheries Program Assistant)																		
OWNER NAME	U. S. Department of Interior U. S. Fish & Wildlife Service																		
OWNER ADDRESS	Address: 911 NE 11 <sup>th</sup> Avenue Portland, Oregon 97232-4182 Phone Number: (503) 231-6201 Fax: (503) 231-6161 E-mail: <a href="mailto:web_reply@fws.gov">web_reply@fws.gov</a>																		
OPERATOR NAME	Robert "Bob" Turik																		
OPERATOR ADDRESS	Address: USF&WS Hagerman National Fish Hatchery 3059-D National Fish Hatchery Rd Hagerman, Idaho 83332 Phone Number: (208) 837-4896 Fax: (208) 837-6225 E-mail: <a href="mailto:bob_turik@fws.gov">bob_turik@fws.gov</a>																		
PERMIT TRANSFERS	Yes																		
1. Is this a new operator?	No																		
If new, review the following: According to VII. I. "Transfers. Authorization to discharge under this permit may be automatically transferred to a new permittee on the date specified in the agreement only if: 1. The current permittee notifies the Director of the Office of Water and Watersheds at least 30 days in advance of the proposed transfer date; 2. The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility and liability between them; and 3. The Director does not notify the existing permittee and the new permittees of its intent to revoke and reissue the authorization to discharge. [NOTE: No permit transfers have occurred for this facility.]																			
2. Was EPA and IDEQ notified in writing of the transfer?	Yes    N/A No																		
LOCATION OF FACILITY Previous GPS: Garmin GPS Latitude: N 42.76073450° Longitude: W -114.86061358° Date: November 7, 2011 Time: 15:43	GPS taken at entrance to facility: Garmin GPS <table border="0"> <tr> <td></td> <td><u>At Road Fork</u></td> <td><u>At Visitor</u></td> </tr> <tr> <td><u>Entrance</u></td> <td></td> <td></td> </tr> <tr> <td>Latitude: N 42.65268°</td> <td></td> <td>N 42.7617°</td> </tr> <tr> <td>Longitude: W 114.86324°</td> <td></td> <td>W 114.86243°</td> </tr> <tr> <td>Date: 5-29-2013</td> <td></td> <td>5-29-2013</td> </tr> <tr> <td>Time: 09:22</td> <td></td> <td>09:25</td> </tr> </table>		<u>At Road Fork</u>	<u>At Visitor</u>	<u>Entrance</u>			Latitude: N 42.65268°		N 42.7617°	Longitude: W 114.86324°		W 114.86243°	Date: 5-29-2013		5-29-2013	Time: 09:22		09:25
	<u>At Road Fork</u>	<u>At Visitor</u>																	
<u>Entrance</u>																			
Latitude: N 42.65268°		N 42.7617°																	
Longitude: W 114.86324°		W 114.86243°																	
Date: 5-29-2013		5-29-2013																	
Time: 09:22		09:25																	

		Count: 8 Satellites	9 Satellites		
		Google Earth GPS at entrance to facility:			
		<u>At Road Fork</u>	<u>At Visitor</u>		
		<u>Entrance</u>			
		Latitude:			
		N 42° 45' 46.14"	N 42° 45' 42.17"		
		Longitude:			
		W 114° 51' 47.71"	W 114° 51' 44.63"		
		Elevation: 2968'			
		2977'			
		Date: 5-29-2013			
		5-29-2013			
<b>AUTHORIZATION TO DISCHARGE</b>					
1. Did you receive a letter authorizing you to discharge?		Yes – The letter is dated November 5, 2007.			
		No			
2. "Addressee" on the authorization to discharge letter:		Name: Brian Kenworthy, Project Leader. He is now retired.			
3. Is this correct?		Yes			
		No: It should be changed to Craig Eaton, Project Leader			
4. Do you have a copy of the permit?		Yes – The permit was shown to DEQ.			
		No			
5. Is the facility currently discharging?		Yes			
		No			
6. Was the facility containing, growing or holding fish on December 1, 2007 (effective date of the permit)?		Yes			
		No			
7. If not currently discharging, when do you expect to rear fish again at this facility?		N/A			
		Date:			
8. [II.A.1. & 2. (p 10)] Do you plan to participate in Pollutant Trading?		Yes			
		No			
<b>PROHIBITED DISCHARGES</b>					
Part II. B., Page 29. Review the prohibited discharges 1 & 2 (a-h) with the interviewee. <b>COMPLETE – Mr. Turik read this section from the permit.</b>					
1. Have you had any such prohibited discharges since December 1, 2007?		Yes			
		No			
2. Do you expect to have any difficulty prohibiting such discharges from this facility?		Yes			
		No			
Questions or Comments: None					
<b>PROHIBITED PRACTICES</b>					
Part II. C., Pages 29-30. Review the prohibited practices 1 - 2 with the interviewee. <b>COMPLETE – Mr. Turik read this section from the permit.</b>					
1. Have you or any other employee engaged in any of these prohibited practices since December 1, 2007?		Yes			
		No			
2. Do you expect to have any difficulty prohibiting such practices		Yes			

at this facility?	No
Questions or Comments: None	
<b>DMR - FACILITY MONITORING REQUIREMENTS</b>	
<p>Part II. D., (see page 30-33). Ask to see the recent DMRs and raw data. Review to determine if the permittee is filling in the correct data (influent, effluent raw data, and effluent net). See page 30, II. D. 2. b., for requirement when data are less than MDL.</p> <p>According to II. D., "The permittee shall monitor discharges from all outfalls authorized under the permit as specified in Tables 12 and 13..." (see pages 30-33)</p> <p>For frequency requirements, see footnote 16 of Table 12, and footnote 29 of Table 13 for OLSBs)</p> <p>[NOTE: The facility produced a number of DMR's, which they have filed on-site.]</p>	
1. When was the last monitoring event?	April 3, 2013 as part of quarterly monitoring.
2. Who conducted the monitoring?	Jeremy Trimpey
3. Is this the person who usually conducts the monitoring?	Yes No
4. Who fills out the DMRs?	Jeremy Trimpey
5. When was the most recent DMR submitted to EPA and IDEQ?	April 3, 2013 as part of quarterly monitoring.
6. [II. D. 1.] Do you monitor discharges from all outfalls authorized under this permit as specified in Table 12 (p 31) (Raceways and FFSBs) and Table 13 (p 32) (OLSBs)?	Yes No
<p>[NOTE: The facility has 4 discharges: (1) Steelhead Raceways (Dry during May-August); (2) Trout Raceways (Dry October-February); (3) Display Pond (always on display for the public); and (4) Hatchery House - Hatch 1 (Online May - August) and Hatch 2 (Online June - September). All discharges go to Riley Creek.</p>	
7. [II. D. 2. a.] Do you use methods that can achieve MDLs less than or equal to those specified in Table 15 (p 34)?	Yes No
8. [II. D. 2. b.] For purposes of reporting on the DMR, do you comply with Appendix D, 4?	Yes No
<p><b>9. Influent Water Sources</b></p> <p>[NOTE: The facility has 14 influent sources. The major sources are (1) Main Spring, (2) Len Lewis Spring, (3) Riley Creek, (4) Bickel Springs, (5) Spring #17 and (6) Spring #13. The remainder is comprised of smaller spring sources (8 of them).]</p>	
a. How many influent sources?	Mr. Turik explained that the facility has 14 sources.
b. Are all influent sources monitored for flow?	Yes - Mr. Turik explained that the facility keeps a good record of flows for all of their influent spring sources. No
c. Are all influent sources monitored for WQ parameters?	Yes No - Mr. Turik explained that these are combined into one prior to entering the facility.
d. Are all influent sources combined into one sample to determine flow and/or WQ parameters?	Yes No - Mr. Turik explained that these are combined into one prior to entering the facility.



<b>10. Raceways and FFSBs Discharges [II.D.3] (Table 12, p 31)</b> <b>[NOTE: Mr. Turk explained that the facility does NOT have a FFSB. They have raceways for steelhead and trout.]</b>	
a. [II. D. 3. a.] Timing: Are all influent and effluent samples and flow measurements taken on the same day?	Yes No
b. [II. D. 3. b.] Timing: If your facility has multiple effluent discharge points and/or influent points, do you composite samples from all points proportionally to their respective flow?	Yes No
c. [II. D. e. b.] Location: Are effluent samples from the effluent stream collected just prior to discharge into the receiving waters?	Yes No
d. [II. D. e. b.] Location: If the effluent stream mixes with other flows, do you collect effluent samples from the effluent stream just prior to discharge into receiving waters?	Yes No
e. [II. D. e. b.] Location: If the facility with raceways discharges to a FFSB(s), do you collect effluent samples from the FFSB(s) just prior to discharge into the receiving waters?	Yes No N/A - The facility does not have a FFSB.
f. [II. D. 3. C.] Small discharges: Does the facility have small discharges that comprise less than 1% of the total raceway flows?	Yes No – Mr. Turik explained that all of the flow is accounted for. Consequently, the facility does not have any small discharges.
g. [II. D. 3. c.] Small discharges: Are the flows of these small discharges monitored at a minimum of once per year?	Yes No N/A – Mr. Turik explained that the facility does not have any small discharges.
h. [Table 12, p 31, Footnote 17] What is the interval of discrete sampling for the composite sample? (The permit requires four or more discrete samples taken at one-half hour intervals or greater in a 24 hour period.)	Mr. Trimpey explained that the interval is for 1 hour.
i. [Table 12, p 31, Footnote 17] When sampling raceway discharge, is at least one sample taken during quiescent zone or raceway cleaning? ("at least 1/4 of the samples")	Yes No
If not, why not? N/A	
j. [Table 12, p 32, Footnote 17] What types of samples are taken for influent? (permittees with spring influents may elect to take grabs, page 32, footnote 17)	Mr. Turik and Mr. Trimpey explained that they have two levels of monitoring: (1) individual grabs for production raceways and OLSB; and (2) composite grabs for flow.
k. How and where is flow measured for the raceways? And by whom?	Mr. Turik and Mr. Trimpey explained that flow is measured off of gauges representing the various spring sources. Mr. Trimpey is responsible for measuring the flow.

l. [Table 12, p 31, Footnote 14] Is this flow measurement method one of those specified in Appendix E, Part I.A. (p 79)?	Yes No
m. [Table 12, p 32, Footnote 18] Are all influent and effluent samples and flow measurements taken on the same day?	Yes No
n. [Table 12, p 31, Footnote 15] Is flow measurement taken concurrently with each pollutant sampling, when applicable, once for every composite sample? Or is it taken on either the influent or effluent as long as the measurement at that location accurately reflects the discharge flow to the receiving water?	Yes No  Yes No
11. How is the flow measuring device calibrated? And by whom? <b>Flow is measured from electronic gauges that were initially installed per manufacturer's specifications. The initial calibration was based on those manufacturer's specifications; and were originally calibrated by a USFWS Engineer. Mr. Trimpey is in charge of taking the flow measurements and the day-to-day visit of the gauges to ascertain if calibration has been lost or appears questionable.</b>	
12. OLSBs Monitoring Measurements [II.D.4.] [NOTE: The facility has two (2) OLSB's.]	
a. [II. D. 4.] Does the facility collect effluent samples from the effluent stream just prior to discharge into the receiving waters?	Yes No
b. [Table 13, p 32, Footnote 25] Are OLSB influent and effluent samples collected during quiescent zone cleaning?	Yes No
c. How and where is flow measured for the OLSBs? And by whom?	<b>Mr. Trimpey explained that flow is measured on a Sigma 950 Incline Flow Meter (Electronic) that measures the flow from the OLSB prior to discharge into Riley Creek. The flow measurement is taken by Mr. Trimpey.</b>
d. [Table 13, p 32, Footnote 27] Is the flow measurement one of those specified in Appendix E.I.A.?	Yes No
e. [Table 13, p 33, Footnote 28] For OLSB effluent or influent, are flow measurements taken concurrently with pollutant sampling, when applicable? Or is it taken on either OLSB influent or effluent as long as the measurement at that location accurately reflects the discharge flow to the receiving water?	Yes – Flow measurements are done “at the same time” when monitoring is conducted as part of a rotation with the raceway monitoring. No  Yes No
f. [Table 13, p 33, Footnote 30] Does the facility monitor for composite samples?  If so, does the composite sample represent 4 or more discrete samples taken at ½ hour intervals or greater in a 24-hour period?	Yes – as composite grab samples. No  Yes– 1 hour intervals. This was previously approved by EPA in the 1990's. No

Do the composite samples represent multiple effluent discharge points and/or influent points as same day samples from all point proportionally to their respective flows?	Yes No
g. How and where is flow measured for the OLSBs?  And by whom?	Flow is measured at the bottom of the OLSB's prior to discharge into Riley Creek using a Sigma Flow Meter.  Mr. Trimpey does the measurement.
h. How is the flow measuring device calibrated?  And by whom?	The flow meter was calibrated back in the 1980's with support and approval of IDWR. Since then the flow has been very consistent based on the experience of staff.  Mr. Trimpey is responsible for flow measurements; and for ascertaining that the flow meter is reading correctly.
<p><b>NOTE:</b> DEQ discussed with Mr. Trimpey, Mr. Turik and Mr. Eaton about flow meters being calibrated. Although the experienced staff are able to determine visually if the flow is not delivering properly, DEQ explained that there should most likely be some method of collecting flow information (such as a pre-calibrated staff gage that measures elevation that is associated with flow) that can support the electronic readout of the meter; in other words, to confirm the readout of the meter.</p> <p>After the inspection, DEQ did an Internet search of the Sigma 950 Flow Meter, and determined that calibration of the ultrasonic depth sensor can actually be done via one of two methods: Liquid Depth and Sensor Height. Although each method has its own advantages and disadvantages, the selected method would be dependent upon the site conditions. The recommendation in the on-line manual is to calibrate the ultrasonic sensor each time the sensor is installed at a new site. So if the sensor was calibrated at installation, and if the flow meter has remained in the same position since first installed, then most likely the calibration would not be necessary until such time as the sensor is moved to a new location. Also, the manufacturer recommends calibration when the sensor is first installed, when a new sensor is installed, or when the difference between the level reading of the flow meter and the independent verification (such as a dipstick with a ruler) is increasing. DEQ obtained PDF copies of the two Internet sources and submitted them to Mr. Eaton as follow up on the inspection.</p>	
i. [Table 12, p 31, Footnote 16] What is monitoring frequency of the OLSBs?	Quarterly for TSS and TP; and monthly for Flow.
k. [Table 12, p 31, Footnote 18] Are all influent and effluent samples and flow measurements taken on the same day?	Yes No
l. [Table 12, p 32, Footnote 20] Does the facility monitor for temperature?	Yes – Quarterly at the influent and at the effluent locations. No
m. [Table 12, p 32, Footnote 21] Does the facility monitor for copper?	Yes No – Cu products are not used on the facility.



13. [Table 12, p 32, Footnote 19] Was net effluent load recorded on the DMR calculated correctly? (check a few DMRs; see Appendix D, page 75 for equations)	Yes – The DMR for April-June 2013 was reviewed. Everything appeared to be correct in all calculations. No
14. Are you aware of any recent violations of the permit limits?  What was the limit that was exceeded?  Date of the exceedance.	Yes No  N/A  N/A
15. Are the data reported properly on the DMRs?	Yes No
16. Are DMR data consistent with analytical results?	Yes No
<b>RECEIVING WATER MONITORING</b>	
<p>Part II. E., (see pages 33-35). According to II.C.1., "All permittees with OLSB that discharge directly to receiving water must conduct receiving water monitoring for ammonia, pH, and temperature upstream from the outfall." And 2, "All facilities using chelated copper compounds or copper sulfate must monitor total recoverable copper and hardness immediately upstream of the outfall at least once in any quarter when these compounds are applied..."</p> <p>Ask to see the QA Plan which will describe where the samples are taken in the receiving stream.</p> <p>[NOTE: Mr. Turik concurred that the facility is doing Receiving Water Monitoring because they discharge from 2 OLSB's. Mr. Turik confirmed that the facility does not use Cu products. The QA Plan was presented to DEQ to review during the inspection.]</p>	
1. [II. E. 1.] Does the facility have an OLSB discharging to a receiving stream?	Yes No
If so, are you monitoring receiving water for ammonia, pH, and temperature upstream from the outfall?	Yes No
2. [II. E. 2.] Does the facility use chelated copper compounds or copper sulfate?	Yes No
If so, are you monitoring receiving water for total recoverable copper and hardness immediately upstream of the outfall in any quarter?	Yes No N/A
3. [II. E. 3.] Are receiving water samples grab samples and are they collected during the time when effluent composite samples are being collected for the same parameters?	Yes No N/A
4. [II. E. 4.] Are receiving water samples analyzed using EPA approved methods capable of achieving method detection limits (MDLs) that are equivalent to or less than those listed in Table 15 (Permit, p 34)?	Yes No N/A
5. [II. E. 5.] Are you submitting the results to EPA and IDEQ with the DMRs?	Yes No N/A
6. [II. E. 6.] Are receiving water monitoring results submitted to EPA with copies to IDEQ with the DMRs for the month when the	Yes No

monitoring is conducted?	N/A
Does the DMR report include all information required in Part V.E. and a summary and evaluation of the analytical results, including a short discussion of the accuracy and precision of the data, any problems with sample collection or analysis that may have affected the results, or what conditions existed at the time of the sample collection that may be relevant to how representative the data may be of the normal conditions at that site?	Yes No N/A
7. [II. E. 7.] Is quality assurance/quality control plans (QA/QC plans) for all the monitoring, documented in the QA Plan required under Part II.F (Quality Assurance Plan)?	Yes No N/A
<b>QUALITY ASSURANCE PLAN (QA PLAN)</b>	
Part II.F, (see page 35). According to II.F. "The permittee must develop a QA plan for all monitoring required by this permit. The plan must be developed and implemented within 60 days of coverage under this permit." [NOTE: The QA Plan was presented to DEQ for review.]	
1. [II.F.] Do you have a QA plan?	Yes – The plan was updated most recently on November 30, 2012 and expires on December 31, 2013. No
2. [II.F.] When did you submit the certification (Appendix F) that a plan has been developed and is being implemented?	December 14, 2012
3. [II.F.1.] Is the QA Plan designed to assist in planning for the collection and analysis of effluent and receiving water samples in support of the permit and in explaining data anomalies when they occur?	Yes No
4. [II.F.2.] During all sample collection and analysis activities, does the permittee use the EPA-approved quality assurance and quality control (QA/QC) and chain-of-custody procedures described in EPA/QA/R-5 and EPA/QA/G-5?	Yes No
5. [II.F.2.] Is the QA Plan prepared in the format that is specified in EPA/QA/R-5 and EPA/QA/G-5?	Yes No
6. [II.F.3.a)] Does the QA Plan include: details on the number of samples, type of sample containers, preservation of samples including temperature requirements, holding times, analytical methods, analytical detection and quantification limits for each parameter, type and number of quality assurance field samples, precision and accuracy requirements, sample preparation requirements, sample shipping methods, and laboratory data delivery requirements?	Yes No  If not, what is missing? N/A
7. [II.F.3.b)] Does the QA Plan must include: description of flow measuring devices or methods used to measure influent and/or effluent flow at each point, calibration procedures, and calculations used to convert to flow units. If a permittee's facility has multiple effluent discharge points and/or influent points, it must describe its method of compositing samples from all points proportionally to their respective flows?	Yes No  If not, what is missing? N/A

8. [II.F.3.b. (1)] If you elected to take grab samples of influents, does the plan provide evidence of insignificant variability among influent sources?	Yes – Mr. Turik and Mr. Trimpey explained that the variability of the spring sources is very low; and has remained constant since they were first developed via their water rights. No
9. [II.F.3.b.(2)] If you elected to not monitor small discharges that comprise less than 1% of the total raceway flows, does the plan provide justification that effluent quality of these discharges is the same as monitored discharges?	Yes No N/A
8. [II.F.3.c.] Does the QA Plan include a map(s) of sampling points, including receiving water sampling locations and justification for the choice of the sampling?	Yes – DEQ confirmed this in the QA Plan. No
11. [II.F.3.c.] Does the QA Plan have a location of the small discharges that comprise less than 1% of the total raceway flows?	Yes No N/A
12. [II.F.4.d.] Does the QA Plan include qualifications and trainings of personnel?	Yes – DEQ confirmed this in the QA Plan. No
13. [II.F.4.e.] Does the QA Plan include the laboratory name and telephone number?	Yes – DEQ confirmed this in the QA Plan. No
14. [II.F.5.] Are copies of the QA Plan kept on site and made available to EPA and IDEQ upon request?	Yes No
If lack of suitable storage area makes on-site storage impossible, is the QA Plan kept in the possession of staff whenever they are working on-site?	Yes No N/A
15. Is facility following / using the QA Plan?	Yes – Mr. Turik confirmed this. No
<b>BEST MANAGEMENT PRACTICES PLAN (BMP PLAN)</b>	
Part III (see page 36). According to Part III.C., "the permittee must develop and implement a BMP Plan which meets the specific requirements listed in Part III.E. [NOTE: The facility provided DEQ with a copy of their BMP Plan for review.]	
1. Do you have a BMP plan?	Yes – It was updated on December 14, 2012. No
If not on site, is it in the possession of staff when they are working on-site?	Yes No N/A
2. When did you submit the certification (Appendix F) that a plan has been developed?	December 14, 2012
3. Chemical Storage a. ensure proper storage to prevent spills,	Yes No



b. implement procedures for proper containing, cleaning and disposing of spilled material.	Yes No
4. Structural Maintenance a. routinely inspect rearing and holding units and waste collection containment to identify and promptly repair damage,  How often?  b. regularly conduct maintenance of rearing and holding units and waste collection and containment systems to ensure their proper function	Yes No  <b>Almost daily based on staff visits about the facility.</b>  Yes No
5. Training Requirements: a. Train personnel in spill prevention and clean-up and disposal of spilled materials. b. Train personnel on proper structural inspection and maintenance of rearing and holding units and waste collection and containment systems.	Yes – This were confirmed by DEQ. No Yes – This was confirmed by DEQ. No
6. Operational Requirements: a. Water which is disinfected with chlorine or other chemicals must be treated before it is discharged to waters of the U.S.  b. Treatment equipment used to control the discharge of floating, suspended or submerged matter must be cleaned and maintained at a frequency sufficient to prevent overflow or bypass of the treatment unit by floating, suspended, or submerged matter.  c. Procedures must be implemented to prevent fish from entering quiescent zones, full-flow and off-line settling basins. Fish which have entered quiescent zones or basins must be removed as soon as practicable.  d. All drugs and pesticides must be used in accordance with applicable label directions (FIFRA or FDA)  e. Chelated copper compounds and copper sulfate, when used, must be applied to only one raceway at a time.  f. Identify and implement procedures to collect, store, and dispose of wastes, such as biological wastes, in accordance with IDAPA §02.04.17 and IDAPA §58.01.02. Such wastes include fish mortalities and other processing solid wastes from aquaculture.	Yes No <b>N/A – No chlorine is used.</b>  Yes No <b>N/A – No chemical treatment is used to clean equipment.</b>  Yes No  Yes No <b>N/A – No Cu products are used.</b>  Yes – The facility uses a Mortality Pit. And this was visited during the site visit. No

<p>g. Implement procedures to control the release of transgenic or non-native fish or their diseases as specified in any permit(s) issued by the Idaho Department of Fish and Game for the importation, transportation, release or sale of such species, in accordance with IDAPA §13.01.10.100.</p> <p>h. Implement procedures to eliminate the release of PCBs from any known sources in the facility, including paint, caulk, or feed</p>	<p>Yes No</p> <p>Yes No N/A – No source of PCB's are allowed on-site.</p>
<p>When was the BMP Plan updated recently?</p>	<p>November 30, 2012</p>
<p><b>AQUACULTURE SPECIFIC REPORTING REQUIREMENTS (Part IV., Page 38)</b></p>	
<p><b>A. Drug And Other Chemical Use And Reporting Requirements (see pages 38-39)</b></p>	
<p>1. Do you use drugs, pesticides or other chemicals?</p>	<p>Yes No</p>
<p>If yes, ask to see the Chemical Log Sheet. (see Appendix G, page 91) – The log sheets of the last 3 months were provided to DEQ to review. No apparent abnormalities were noted in the log sheets. The facility has an Excel spreadsheet where all drugs and chemicals are recorded. This is then transferred into the DMR monthly reporting.</p>	
<p>2. Are records being maintained of all applications?</p>	<p>Yes No</p>
<p>3. When an INAD or extralabel drug is used for the first time, you are required to report this orally and in writing to EPA and IDEQ.</p> <p>Have you used INADs or plan to use INADs or extra label drugs?</p> <p>If so, have you written to EPA and IDEQ that you have signed up to use an INAD or prescription? (page 88)</p> <p>Have you provided an oral report to EPA and IDEQ of an INAD or prescription use? (page 87)</p> <p>Have you provided a written report to EPA and IDEQ of an INAD or prescription use? (page 89)</p>	<p>Confirmed? Mr. Turik understands the reporting requirement.</p> <p>Yes No – No INAD's or extralabel drugs have been used.</p> <p>Yes – Mr. Turik confirmed that the facility has used in the past Chloramine T as an anti-microbial agent for controlling proliferative gill disease and bacterial gill disease.</p> <p>No</p> <p>Yes Date: April 1, 2010 No</p> <p>Yes Date: March 16, 2010 No</p>

	<b>Yes</b> <b>Date: March 16, 2010</b> <b>No</b>
<b>B. Structural Failure (see page 39)</b> Remind the interviewee of this new requirement: Failure or damage to the facility must be reported to EPA and IDEQ orally within 24 hours and in writing within five days when there is a resulting discharge of pollutants to waters of the U.S.	<b>Confirmed? Yes</b> <b>Yes – Mr. Turik confirmed this.</b> <b>No</b>
<b>C. Spills of feed, drugs, pesticides or other chemicals (see page 39)</b> Remind the interviewee of this new requirement: The permittee must monitor and report to EPA and IDEQ any spills that result in a discharge to waters of the United States; these must be reported orally within 24 hours and in writing within five days.	<b>Confirmed? Yes</b> <b>Yes – Mr. Turik confirmed this.</b> <b>No</b>
<b>D. Annual Report of Operations (see page 40)</b> Remind the interviewee of this requirement: The permittee must prepare and submit an annual report of operations by January 20 <sup>th</sup> of each year to EPA and IDEQ. (see Appendix H, page 95-96 for form)	<b>Confirmed? Yes</b> <b>Yes – Mr. Turik confirmed this.</b> <b>No</b>
1. Did you submit the last report as required?	<b>Yes</b> <b>No</b>
2. Is the annual report complete? (Check the report against the required elements on pages 95-96.)	<b>Yes</b> <b>No</b>
Ask to see the annual logs of production.	
3. Are the logs consistent with what is reported in the annual report?	<b>Yes</b> <b>No</b>
4. Was the facility able to provide all the required paper documentation requested?	<b>Yes</b> <b>No</b>
<b>FACILITY PHYSICAL INSPECTION – SITE TOUR</b>	
<p>Objectives of the facility inspection include: identifying all discharges to the surface waters from the facility; observing and recording prohibited discharges or practices; and noting any problems. Many of these questions are subjective. – DEQ explained that the site tour for this inspection would visit the (1) Mortality Pit, (2) Trout Raceways, (3) Hatch House, (4) Chiller Building, and (5) the Degassing Chambers for the Trout Raceways and the Influent Water Sources. At the time of the inspection, the facility only had the Trout Raceways wet and running. The Steelhead Raceways were dry and won't be running until August 2013.</p> <p>Additionally, the DEQ was also doing an NPDES industrial stormwater inspection at EPA's request since this is a federal facility. This would include visiting: (1) 2 Storm Drains by the Steelhead Raceways, (2) Chemical Containment Area Storage inside the Chiller Building, (3) Fuel Containment Area (outside) and (4) the Floor Drain inside the Chiller Building. This particular industrial stormwater inspection is in a separate industrial stormwater checklist that was submitted by DEQ to EPA.</p>	
1. Any excessive feed in the raceways?	<b>Yes</b> <b>No – The Trout Raceways were the only active raceways at the time of the inspection.</b>
2. Any excessive solids stirred up in raceways?	<b>Yes</b> <b>No</b>



3. Are all the barrier dam boards in place and level?	Yes No
4. Any excessive solids built up in quiescent zones?	Yes No
5. Any excessive solids going over the dam boards.	Yes No
6. Any fish observed in the quiescent zones?	Yes No

Google Earth Map of Trout Raceways & Degassing Chambers Location



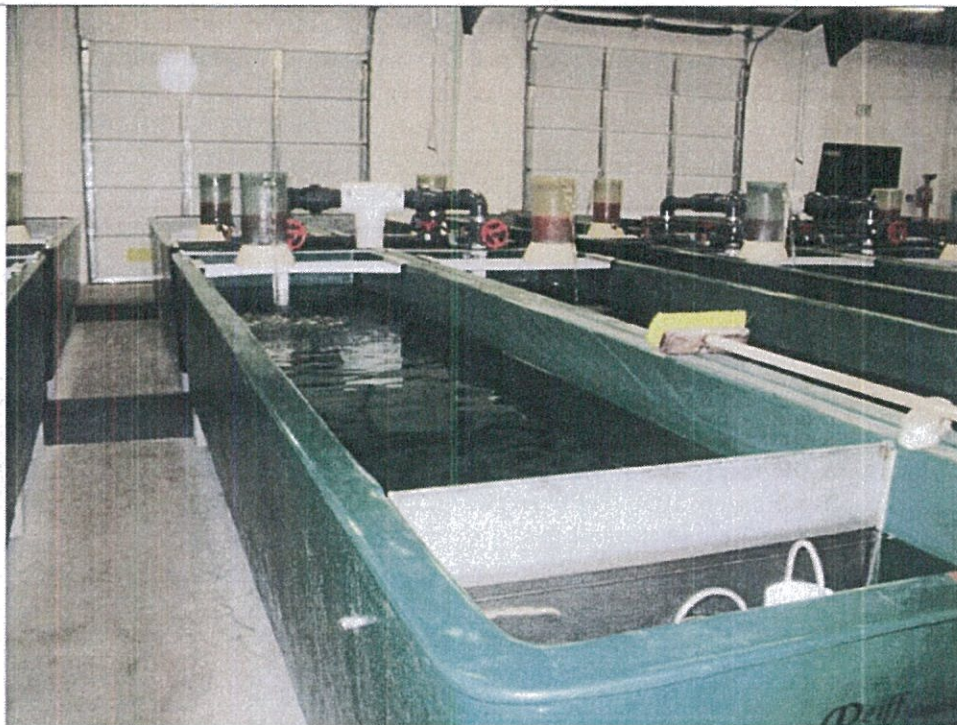
Photo (s) of Trout Raceways



Trout Raceways

<p><b>Raceways 7, 8, 9 and 10 were on-line and active with trout.</b>  <b>Approximately 30,000 trout per raceway = 120,000 trout total.</b>  <b>Not shown in the digital are the 3 degassing chamber units associated with these raceways.</b>  <b>These were set up to reduce the amount of nitrogen that appears to exist in the system.</b></p>	
<p align="center"><b>DISCHARGES</b></p>	
<p><b>Photo (s) of raceway(s), tailrace, and/or full-flow settling basin discharges.</b></p>	
<p><b>DEQ did not do a site visit of the effluent discharge from the OLSB during the inspection.</b>  <b>The facility does not have a FFSB.</b></p>	
<p>Are there any unreported outfalls? (check observed against NOI)</p>	<p>Yes No</p>
<p>If so, describe: N/A</p>	
<p><b>Photo (s) of receiving water(s), particularly documenting any of below:</b></p>	
<p><b>DEQ did not do a site visit of the receiving water (Riley Creek) during the inspection.</b>  <b>However, prior to the site visit, DEQ did observe the receiving water (Riley Creek) at the bridge site on Riley Creek (approximately 1050 feet from the OLSB Effluent Discharge point. The responses below correspond to this site visit off of the bridge.</b></p>	
<p>1. Any floating solids or visible foam in other than trace amounts?</p>	<p>Yes No</p>
<p>2. Any evidence of discharged sludge, grit or accumulated solid residues?</p>	<p>Yes No</p>
<p>3. Any floating or suspended or submerged matter, including dead fish, in amounts causing nuisance or objectionable condition?</p>	<p>Yes No</p>
<p>4. Location of the receiving water monitoring.</p>	<p><b>DEQ did not visit the site used for receiving water monitoring.</b></p>
<p>5. If the facility has an OLSB(s), is it discharging?</p>	<p>Yes No</p>
<p align="center"><b>HATCH HOUSE</b></p>	
<p><b>DEQ did a site visit of the Hatch House where eggs were being raise</b></p>	



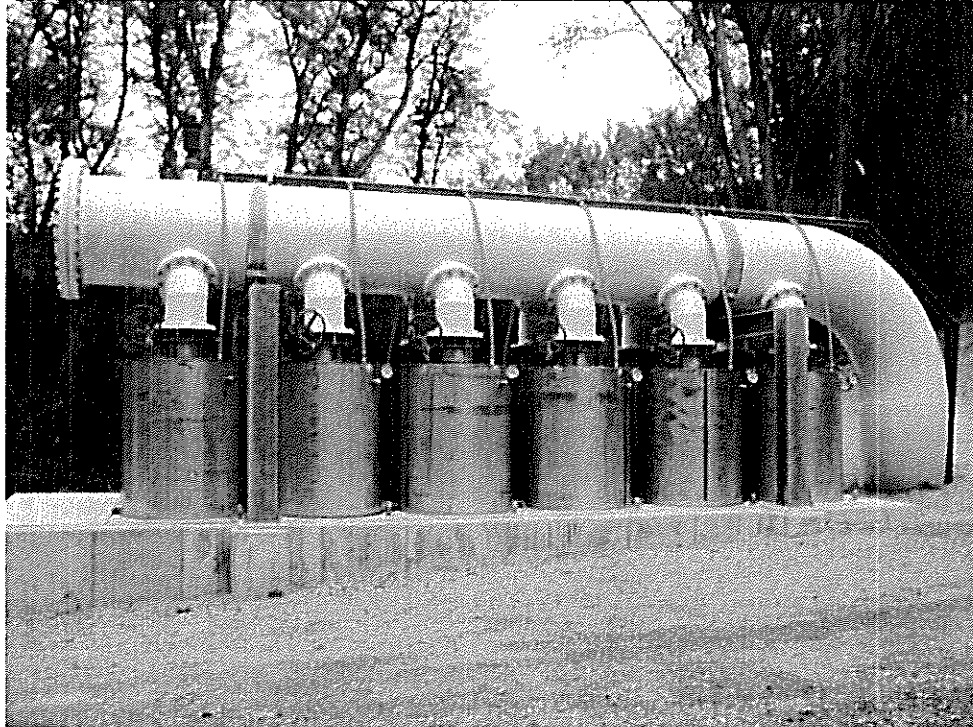


**Hatch 1 – 40 Tanks with Upwelling Incubators**  
**16 of the Upwelling Incubators were filled with eggs.**  
**Some of the eggs were shown growing into the Alevin stage within the Upwelling Incubators.**  
**Some of Alevins were already maturing to the Fry stage and in the raceway containers.**



**DEGASSER STATION BY INFLUENT WATER SOURCE**

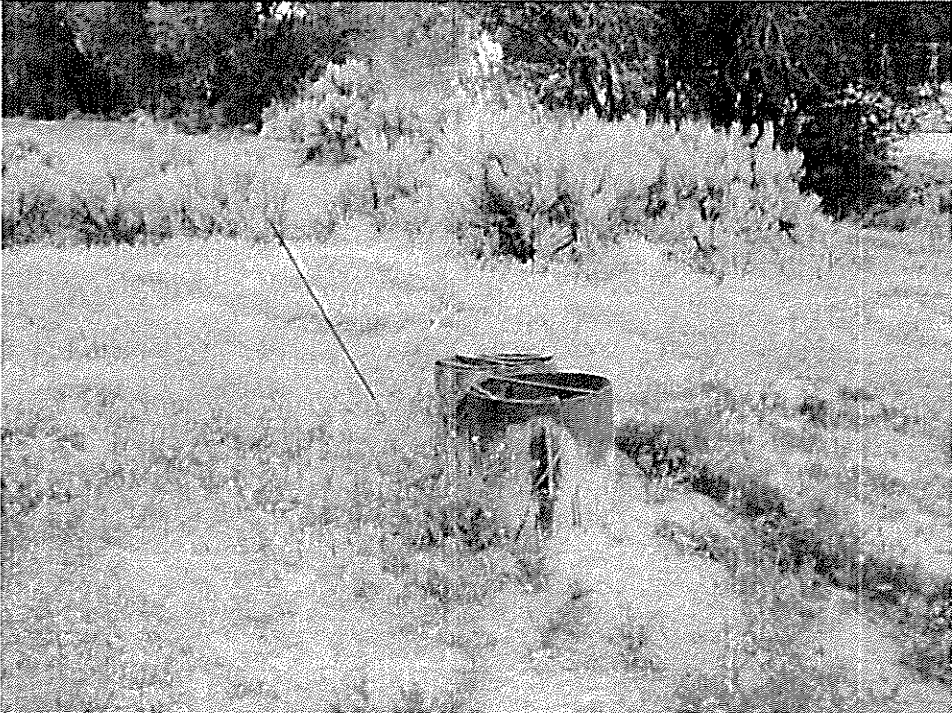
DEQ did a site visit of the new main degasser station by the influent water source. This degasser is associated with the influent water source; and has one line that connects with the Trout Raceways.



Some of the water from this station is piped to the Trout Raceway, where another set of 3 chambers functions to reduce the dissolved nitrogen to acceptable levels. The facility has experienced skin sloughing and associated secondary infections related to gas bubble disease for the past several brood years. In order to reduce gas bubble disease in the rainbow trout, the facility crew installed a vacuum degas system on the intake pipelines to the rainbow trout. This degas system significantly reduced dissolved nitrogen from a mean of 103.8% to a mean of 97.5%. Trout grown in degassed water had no skin sloughing, tail rot, or secondary infections from skin lesions, better survival, and better feed conversion compared to the previous brood year. (Source: USFWS, Hagerman National Fish Hatchery, Reducing Dissolved Nitrogen Gas from Water Supplied to a Single Bank of Rainbow Trout Raceways, November 2012; Internet

Address Location:

<http://www.fws.gov/hagerman/documents/IJET/RBT%20Degas%20Project%202012.pdf>

MORTALITY PIT	
DEQ did a site visit of the Mortality Pit.	
	
<p><b>Mortality Pit Location – Only visible by exposed pipes.</b></p> <p>Visual inspection of both exposed pipes shows the fish mortalities that are deposited using a 5 gallon plastic bucket. The location is on USFWS property but not readily visible to the general public. During the site visit the question was asked of DEQ if lime should be added to the mortality pit. DEQ responded that quicklime was a suggested practice to discourage scavenging by predators, prevent odors, inhibit earthworms from bringing material to the soil surface, and destroy harmful bacteria. The only smells noted were when you were within 3 feet of the exposed pipes. There was no evidence of carcasses around a 20-foot perimeter of the exposed pipes. Flies were only evident inside the pipe chamber, below ground, where decomposition of the fish mortalities was occurring. There have never been any complains of foul odors since the location is within the property of USFWS; and far away from any on-site residences.</p>	
RECEIVING WATERS	
<p>Photo (s) of receiving water(s), particularly documenting any of the items below: DEQ did not visit the receiving water immediately at the OLSB Effluent Discharge Outfall. DEQ did view the water, as previously noted, off of the Riley Creek Bridge about 1050 feet downstream of the Outfall.</p>	
1. Any floating solids or visible foam in other than trace amounts?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Any evidence of discharged sludge, grit or accumulated solid residues?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Any floating or suspended or submerged matter, including dead fish, in amounts causing nuisance or objectionable condition?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p><b>FLOW MEASUREMENT DEVICE(S) – DEQ did not visit any of the flow measuring stations during this inspection.</b></p>	

1. Were flow measurements taken during inspection?	Yes No
2. Location of flow measuring device for raceways:	Influent Head Box Raceway or Tailrace Effluent Other N/A
3. How are flow measurements taken for raceways?	Across a dam board Contracted rectangular weir Other weir _____ Other N/A
4. Location of flow measuring device for OLSBs:	Effluent Box Effluent Pipe QZ cleaning time Other N/A
5. How are flow measurements taken for OLSBs?	Across a dam board V-Notched weir Other weir _____ Other N/A
<b>SAMPLING LOCATION &amp; SAMPLING PREPARATION</b> <b>DEQ did not take water quality samples or visit any of the sampling locations during the inspection.</b>	
1. Are influent sample locations adequate?	Yes No
2. Are effluent sample locations adequate?	Yes No
3. Are samples refrigerated / iced down after sampling?	Yes No
4. Are samples iced down during transportation to contract Lab?	Yes No
<b>SOLIDS CONTAINMENT &amp; STORAGE</b>	
1. Is the solids disposal area adequate?	Yes No
2. Removed solids prevented from reentry to navigable waters?	Yes No
3. Does the facility land apply solids or irrigate with or apply wastewater?	Yes – Land Application as fertilizer on the facility's lawn. No
<b>INSPECTION CONCLUSION DATA SHEET (ICDS) INFORMATION</b>	
1. Did you observe deficiencies (potential violations) during the on-site inspection?	Yes No
2. If so, did you communicate them to the facility during the inspection?	Yes No N/A
3. Did the facility or operator take any corrective actions	Yes No N/A
	Yes

4. Did you provide general compliance assistance during the inspections?	No
5. Did you provide site-specific compliance assistance?	Yes No
<b>AREAS OF CONCERN</b>	
1. No areas of concern were noted during the paper documentation.	
2. Lack of current flow meter calibration records. DEQ recommended that an adjoining staff gage that was previously flow calibrated by elevation would be a simple way to ascertain if the flow meter was reading correctly. DEQ also submitted Internet sources to Mr. Eaton (after the inspection) for proper calibration of the Sigma 950 Flow Meter.	
3.	
Other Issues: Mr. Turik explained that the facility is looking to add circulation tanks to the west of the Chiller Building. DEQ explained that they would need to provide plans and specifications for an Idaho Code 39-118 Review. DEQ did provide (after the inspection) an email with pertinent information on the 39-18 Review process.	



## **Exhibit A. DMR Review**

DEQ did a review of the DMR's on-site for the period January 2012 through May 2013 and found no issues or concerns. This review was done at the DEQ office prior to the site inspection.

During the site inspection the facility provided all of their DMR's with associated lab reports/results; and flow calculation information for review.

## **Exhibit B. Map/Diagram of Facility Indicating Flow Movement**

Please review the previous inspection report of November 7, 2011. A map is contained in the report that has not changed since that time.

Also, the previous report has details of flow measuring devices or methods for influent and effluent flows, which also have not changed. However, the only addition would be the degassing system which was added to the influent water source and to the Trout Raceways for dissolved nitrogen gas reduction.

### Exhibit C. Digital Photo Log

Name of Facility: USFWS National Fish Hatchery  
NPDES No.: IDG-130004  
Photographer: Sue Switzer, DEQ  
Inspection Date: May 29, 2013  
Purpose of Inspection: NPDES Inspection



IMG\_3963.JPG

At crossroads entrance to facility



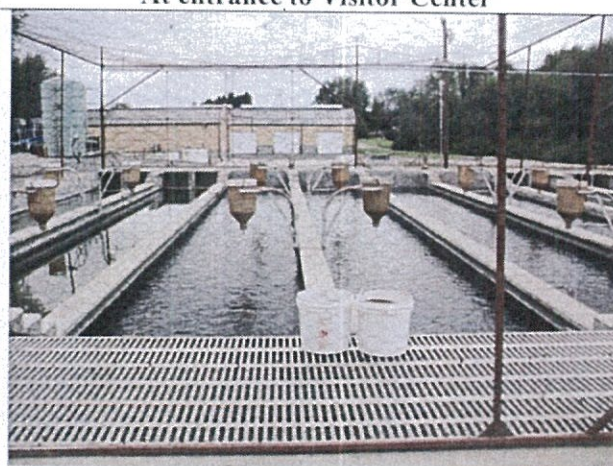
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At entrance to Visitor Center



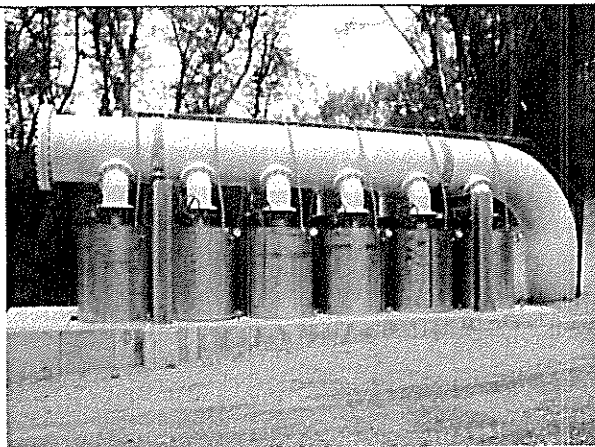
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Hatch House

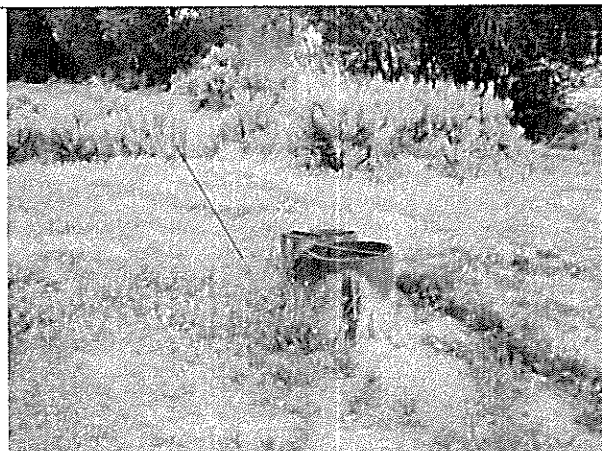


IMG\_3971.JPG

Trout Raceways



**IMG\_3972.JPG**  
**Degasser Unit by Influent Water Source**



**IMG\_3973.JPG**  
**Mortality Pit Exposed Pipes**